

TASMANIAN FIELD NATURALISTS' CLUB

Page 1.

Bulletin No. 81 February 1964

2/- p.a.

THE ANNUAL MEETING of the Club will be held on Thursday, 20th February, 1964, at 8 p.m. in the Royal Society Room at the Tasmanian Museum, Argyle Street. Mr. A. Hewer will give a presidential address.

OUTINGS:

On Saturday, 14th March, Mr. R. Hewer will lead an outing to Marion Bay beach. Private transport will leave Prince of Wales Theatre at 9 a.m. Please contact Mr. Roderick Hewer if you wish to attend ('phone 4-1255, evenings).

Note: All future bulletins will be sent two weeks before the meetings.

ADULT EDUCATION COURSES: The Secretary has received booklets on the courses to be held this year. These will be on the table for interested members to read.

FASTER CAMP: Owing to unforeseen circumstances, our Camp Organizer, Mr. A. Brownell, will be unable to organize or attend the camp at Easter. Whether a camp will be held this year or not will be discussed by the Committee and members will be told the results at the February meeting and in the March circular.

CLUB OFFICERS: At the Annual Meeting officers for the year 1964 will be elected. Members are urged to make use of the nomination forms below.

Hon. Treasurer: Mr. J. Lewis

Hon. Secretary: Miss E. Aves

('Phone: 5-1742)

Postal address: TASMANIAN FIELD NATURALISTS' CLUB

BOX 68 A, G. P. O., HOBART

SW Comm
M. J. R. S.

I wish to nominate _____
for the office of _____
signed _____

F & F Com. Comm

A. Hewer, van Munster

seconded _____
I agree to serve if elected _____
signed _____

Auditor

Miss Watson

I wish to nominate _____
for the office of _____
signed _____
seconded _____

I agree to serve if elected _____
signed _____

Pres M. Kirkpatrick
Assoc. Pres M. J. R. S., L.E.W.

Treas J. Jones Asst E. Aves

Treas J. Angel

Comm A. Hewer, R. Hewer, J. Lewis, A. Haver, R. Grayth, E. Thorpe.

Ad. Nat. L.E.W., M. Kirkpatrick

TASMANIAN FIELD NATURALISTS CLUB

The next meeting of the Club will be held on Thursday, March 19th, 1964 at 8 p.m. (approx.) in the Royal Society Room at the Tasmanian Museum, Argyle Street. The speaker will be Mr. M. Sharland who will give an illustrated talk on his trip to Canada.

A Special Meeting will be held at the beginning of this meeting to delete Rule 13 from the Constitution.

Rule 13 - The Bankers of the Club shall be "The Commonwealth Savings Bank".

Club Officers were elected at the last meeting as follows:-

The President	-	Mr. M. Hurburgh
Vice-President	-	Mr. M. Sharland
Face-President	-	Mr. M. Wall
Secretary	-	Miss V. Jones
Assistant Secretary	-	Miss E. Aves
Treasurer	-	Mr. F. Angel
Members of Committee	-	Mrs. Thorpe, Misses A. Rowe and B. Forsyth, Messrs. A. Hower, J. Lewis, I. Hower.

Field Outings

On Saturday, April 11th Mr. M. Hurburgh will lead an outing to National Park. Private transport will leave the Prince of Wales Theatre at 9 a.m. Will all those attending please contact Miss V. Jones 5 1129 or Mr. M. Hurburgh.

Group 12 will be away this year at Jales Bay. Circular giving details accompanies this Bulletin.

Advertisements advertising future courses will again be on the table at the meeting. For anyone interested. Launceston Field Naturalists Club Bulletin 1964 will be on the table at the meeting also.

Subscriptions. Members are reminded that subscriptions are now due. Get with it - be financial. Pay your 10/- to Mr. F. Angel either at the meeting or at the Hobart Savings Bank. Treasurer: Mr. F. Angel - Hobart Savings Bank
Secretary - Miss V. Jones - Phone 5 1129

Postal Address:- TASMANIAN FIELD NATURALISTS' CLUB,
BOX 68A, G.P.O., HOBART.

The Law Society of Tasmania are preparing to print a second "Stage Coach", made up of entirely new material, if they can get enough support. The first edition was sold out before Christmas. They are asking for names of persons interested in writing short articles, vignettes or notes, on topics of historic, cultural or scenic interest or some ideas on locations of blocks of old prints, photographs or other illustrative material not larger than 7 $\frac{1}{2}$ " - 5 $\frac{1}{2}$ ". If anyone is interested or likely to require copies of a second "Stage Coach" will they please contact the Secretary.

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TASMANIAN FIELD NATURALISTS CLUB

BULLETIN NO. 23

APRIL 1964

The April General Meeting will be held on Thursday April 16th. at the Tasmanian Museum in the Royal Society Room at 8 pm. The speaker will be Prof. V.V.Hickman, who will give an illustrated talk on "Spiders".

New Members:- We welcome the following as members to the Club - Miss H.Wright, Miss J.Jolliffe and Mrs. J.Greenhall. Application for membership has been received from Miss Elizabeth Stephens.

Field Outing:- On Saturday May 2nd, Mr. L.Wall will lead an outing to New Town Falls and Junction Cabin. All those attending to meet at 9.37 am. at the Lenah Valley Bus Stop.

Subscriptions. These are now due and can be paid to the Club Treasurer at the next meeting or at the Hobart Savings Bank.

Earlier Start to Meetings:- It was suggested at the last meeting that in future the meeting should start at 7.45 pm. instead of 8 pm. Mr. A.Hewer moved and Mr. Canes seconded that the decision should be deferred until the April Meeting, when it could be put to the members again after having been circularised.

WANTED !!! Contributions from members of interesting observations or comments for noting in the circular! They should reach the Secretary, 51129 or 83188 not later than the second Monday in the month.

Treasurer

Mr. F.Angel
Phone 24607.

Hon. Secretary

Miss V.Jones
Phone 51129 or 83188

1. The first part of the report is a general introduction to the subject of the study.

2. The second part of the report is a detailed description of the methods used in the study.

3. The third part of the report is a discussion of the results of the study.

4. The fourth part of the report is a conclusion and a list of references.

5. The fifth part of the report is a list of references.

6. The sixth part of the report is a list of references.

7. The seventh part of the report is a list of references.

8. The eighth part of the report is a list of references.

9. The ninth part of the report is a list of references.

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11. The eleventh part of the report is a list of references.

12. The twelfth part of the report is a list of references.

13. The thirteenth part of the report is a list of references.

TASMANIAN FIELD NATURALIST CLUB

Bulletin No 84.

May 1964

The May General Meeting will be held at 8pm. on Thursday May 21st. in the Royal Society Room at the Tasmanian Museum. The speaker will be Mr. D. Milledge who will give an illustrated talk entitled "A Survey of the Birds of Pittwater".

New Members:- We welcome Miss Elizabeth Stephens to the Club.

Field Outings:- On Saturday May 30th. Miss E. Aves will lead an outing to Bruny Island, leaving the Prince Theatre at 8am. Would members wishing to go, and those who could help with transport, please contact Miss Aves by 27th. May. Phone 51742.

On Saturday June 6th. Mr. A. Hewer will lead an outing to Rocky Whelan's Cave, (this is the real thing, an extensive small cave capable of hiding one man completely). Private transport to Lee Ga Farm, meeting at the Prince Theatre at 10 am.

Subscriptions:- If you are not yet financial please pay Mr. F. Angel at the next meeting or through G.P.O. Box 68A (not at the Hobart Savings Bank as previously stated) by 10th. June.

NOTE: This is the last reminder.

Celebrations of 60th. Anniversary:- It has been suggested that this should take the form of a Club outing to the Springs for afternoon tea. Veteran members of the Club will be invited to join us and transported there if necessary. Other suggestions are welcome and the views of members on this one appreciated.

Bird Group Meeting:- Will interested members please note that the next meeting of R.A.O.U. and B.O.C. will be held at the Wireless Institute Room, Fletcher Jones Building, Liverpool St., on Friday May 29th. at 8pm. Visitors welcome. No further notice will be issued.

What is a National Park?

This is a question raised at the last Club meeting and suggested that a committee give it a good deal of thought.

The Fauna and Flora Conservation Committee has been considering the problem. The State's "national park" are administered through the Scenery Preservation Committee Board under the authority of the Scenery Preservation Act, but did you realise that the Act refers only to scenic reserves and never mentions the term "national park"?

Having overcome your surprise at that, would you give serious thought to what you consider a national park should be? How should it be administered? Should it be "developed", with accommodation and other facilities for visitors? And if so to what extent?

The Conservation Committee appeals to all Club members to jot down their ideas and pass them in, because its future policy may be influenced by their answers to these questions.

The following Club members form part of the Conservation Committee and any of them would be most grateful to receive your thoughts - preferably on paper :- Mrs. Jessie Luckman, David Wilson, Gilbert van Munster, Alan Hewer, Peter Bolger and myself.

Leonard Wall

Mr. Daniel
Hon. Treasurer
Phone 27607

Miss V. Jones
Hon. Secretary
Phone 51129.

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been the Club if you
68A, Hobart.)

TASMANIAN FIELD NATURALISTS CLUB

July 1964

The July General Meeting will be held on Thursday July 16th. 1964 in the Royal Society Room at the Tasmanian Museum at 8 pm. Dr. A. Guiler will give an illustrated talk on "Conservation in Tasmania".

Field Outings: - Mr. J. Hall will lead an outing on Saturday July 18th to Blackmans Bay. Bus leaves the Pioreer Office, 96 Harrington St. at 9 am. and returns from Blackmans Bay at 4.40 pm. (Disembark at Kingston on the morning bus). Subject - Winter orchids. Mr. R. Hewer will lead an outing on Saturday 8th. August to Seven Mile Beach. Members can see the effects of the Sirex Wasp. Apportioning seeds and look for calcified areas. Private transport to leave Princes Theatre at 10 am. Please contact Mr. R. Hewer 41255.

South-West Nest Record Scheme: - This scheme aims to provide accurate data on the breeding of Australian birds and its value in providing support to the work of the British Trust for Ornithology with particular reference to the Nest Record Scheme. A similar scheme is about to be launched in Australia. Visitors are always welcome.

Bird Observers Group will meet at the Wireless Institute Room, 147 Liverpool St. at 8 pm. on Friday July 31st. Mr. O.G. Thomas will speak on the work of the British Trust for Ornithology with particular reference to the Nest Record Scheme. A similar scheme is about to be launched in Australia. Visitors are always welcome.

Note for Bird Observers: - Please try to determine whether the Striated Pardalote (Tree Diamond Bird) stays in Tasmania during the winter months. At the last meeting Mr. Sharland asked for help in this "project" which he is undertaking. He believes this little bird leaves Tasmania. So watch out and see if you can prove otherwise. This bird generally turns up in August. April, May, June and July may be its absent months.

South-West Committee: - Coloured slides of birds and animals are wanted for a public screening to show features of Tasmania's South-West and so help the aims of the South-West Committee in having this scenic area preserved. Slides of western wildflowers would also be useful. It is proposed to offer the public a full picture of what the South-West holds in wildlife as well as scenery. Members of the Club have been especially asked to help by offering the use of slides of their own. They should be made available to the South-West Committee, who have a representative on the S.W. Committee.

South-West Committee: - In view of a small camp this year in January and the large and meditation but has been looked at. As expected have a brief visit from a touring party of F.N.C. Victoria members whilst we are there.

Interesting note from Mr. L. Wall: - Arthrotaxis laxifolia This is a little known native pine in Tasmania, of small size and consequently of no commercial value and has been recorded from very few localities. Some used to consider it to be a hybrid of King William and Huon pines, but this has been proved incorrect. In the course of a recent scramble between Lady Barron Falls and Lake Fenton, I found a small colony of this tree by Lady Barron Creek, about a mile below its source in Lake Fenton.

Hon. Sec. Miss V. Jones, Moorina Cottage, 12 Fitzroy Place, 25815.
Hon. Treasurer Mr. F. Angel, 36 Loatta Rd., Hindisfarne, 29607

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

TASMANIAN FIELD NATURALISTS CLUB

Bulletin No. 86.

August, 1964

2/- per annum

The August General Meeting will be held on August 20th. in the Royal Society Room, Tasmanian Museum at 8 pm. Mr. Raphael, the Government Horticulturalist, will give an illustrated talk on "Bees".

Field Outings:- On Saturday August 27th. Mr. R. Hower will lead an outing to Seven Mile Beach. This was planned for August 8th. but was cancelled owing to bad weather conditions. Private transport leaving Prince Theatre at 10 am. Mrs. Thorpe will lead an outing to Mount Hull on Saturday Sept. 12th. Private transport leaving Prince Theatre at 9 am. The object of this outing is liable to change subject to weather conditions. Please check with Secretary Ph. 2 5945.

WANTED! Urgently! Names of members willing to lead outings please contact the Secretary.

What is a National Park? Members were asked by Mr. L. Wall in the May bulletin to give this question serious thought. We are now asked by the Tas. Flora & Fauna Con. Comm. for a concise account of what we as a club consider to be the answer. Please come to the next meeting prepared to give your views on the subject.

Australian Institute of Aboriginal Studies:- Have you any information on Aboriginal customs, art, history etc. in your area? If so please contact the above Society 29 Lonsdale St., Braddon, A.C.T. or Box 553, City P.O., Canberra. They are anxious to record basic knowledge before it is lost.

Flame Robin Survey:- We are endeavouring to clear up a number of points regarding flame robins and hope that members of the Tas. Field Naturalists Club will be able to help. We are banding as many birds as possible, both summer and winter, in an effort to trace their movements on migration. So far, the only retraps have come in the wintering areas - in other words, birds which feed in certain paddocks appear to return to those very same areas in succeeding years. We know that many of the birds breed in the mountains, but which birds go where we do not know. If any Tasmanian banders read this note and can give us any help, we'd be very grateful. Details regarding dates of arrival and departure, nesting areas and of course an endeavour to band and retrap as many birds as possible, would be welcome.

An article dealing with the subject of Flame Robins will be appearing in the Australian Bird Bander shortly.

Mr. J. C. Ipsen (member of
15 Smith St. T.F.N.C.).
Bendigo, Vic.

Nature never did betray the heart that loved her; 'tis her
privilege through all the scenes of this one life to lead
from joy to joy.

Wordsworth.

Mr. F. Angel
(Hon. Treasurer)
Phone 29007

Miss V. Jones
(Hon. Secretary)
Phone 25015.

CONSTITUTION

OF THE UNITED STATES OF AMERICA

Article I
Section 1

Section 1

All legislative Powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

Representatives and direct Taxes shall be apportioned among the several States which may be admitted into or excluded from this Union, according to their respective Numbers, which shall be determined by the following Rule, to-wit: All Persons (except Indians not taxed) in each State shall be counted for Representation.

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TASMANIAN FIELD NATURALISTS

CLUB BULLETIN

2/- per Annum

September 1964.

No. 87.

The September General Meeting will be held on Thursday September 17th 1964 in the Royal Society Room at the Tasmanian Museum at 8 p.m. Speaker will be Mr. Max Banks on "How gemstones are formed".

FIELD OUTINGS.

On Saturday September 12th, Mr. M. Hurburgh will lead an outing into the Meadowbanks Power Dam project looking for Aboriginal Flints. Private transport to leave Princes Theatre at 8.30 a.m. This replaces outing planned previously for this date. On September 26th an outing by Pioneer Bus has been planned into the Florentine Valley. This is interesting country, not easily accessible to the private tourist, and well worth a visit. The bus will take us as far as Tim Shea. From there you can wander at will through magnificent bushland, or for those made of sterner stuff, a walk along the Adamsfield track to the Florentine River. Charges to cover cost of bus - Adults 25/- Children under sixteen with parents 15/- without parents a full charge will be made. Bus leaves Ansett Pioneer Depot, 96 Harrington Street, at 8.30 a.m. Bookings for the trip can be made at Sargison's Shop, 21 Elizabeth Street. Deadline is Thursday September 17th. We must have your name and your money by then. So hurry, don't delay book now.

ANNIVERSARY CELEBRATIONS.

These will be held on Saturday October 24th 1964. Slides will be shown first at the Adult Education Centre in Argyle Street, at 10.30 a.m. then up to the Springs for a picnic lunch. Each financial member is asked to provide lunch for one guest. Will members who can help with transport for the guests please contact Secretary.

R.A.O.U.

Conference is being held in Hobart in October. This club is entertaining the members of R.A.O.U. at an outing on October 31st 1964. Will members who can provide transport please contact Mr. L. Wall, 8 4165.

BIRD OBSERVERS GROUP

Will meet on Friday September 25th in the Wireless Institute Room, 147 Liverpool Street. Programme - "Recordings of Bird Song" - Visitors are always welcome.

HON SECRETARY: Miss V. Jones,
12 Fitzroy Place, Phone 2 5815.

HON. TREASURER: Mr. F. Angel,
36 Loatta Road, Lindisfarne, Phone 2 9607.

MEMBERSHIP OF THE DEVONPORT FIELD NATURALISTS CLUB

2/- per annum

October 1964

No. 38

The October General Meeting will be held in the Royal Society Room, Tasmanian Museum, on Thursday October 15th. at 8 pm. Mr.L.Wall will show some films.

Anniversary Outing

As notified earlier, this will take place on Saturday, October 24th. We shall meet at the Adult Education Centre in Argyle St. (old State Library) at 10.30 am. for a showing of slides old and new, of Easter Camps, then on to the "Springs" for a picnic lunch. Transport will be needed for a possible 24 guests and a picnic lunch. Will those members who can provide transport and/or lunch, please contact the Secretary by next meeting. This is important.

R.A.O.U. Outing

On Saturday October 31st. there is an outing to Wattle Hill led by Mr.L.Wall at which we are guests to members of the R.A.O.U. who are holding their conference in Hobart at this time. Transport is needed for this outing. Please contact Mr.L.Wall 84165 as soon as possible if you are able to help.

On Saturday November 14th. there will be an outing to Mt.Hull led by Mrs. Thorpe. Private transport to meet at the Prince of Wales Theatre at 9 am.

Federation of Field Naturalists Camp will be at Lake St.Clair during the long week-end in January. Mr.Wall would like names of members who might be attending. It is hoped to meet the Victorian Field Naturalists for a short while at this camp. They are touring Tasmania January 16th. - 30th. 1965.

Native Orchids

MR.M.J.Firth, President of the Devonport Field Naturalists Club, is engaged in research work on native orchids in Tasmania. He would like to contact botanists willing to correspond with him on orchids generally, and, in particular, on localities in the South of the State where various species are to be found. Mr. Firth has been studying orchids for 30 years and has collected and identified over 90 of our species, so would be very willing to assist anyone uncertain of their classification. Correspondents would need to be familiar with recent publications, (such as J.H.Willis's excellent book or the volumes of Nicholls), for records of the findings of orchids belonging to the larger genera. Further details may be obtained from the Secretary.

A Famous Naturalist. ENOS WILLS once said:-

"The supreme triumph of parks is humanity. He who feels the spell of the wild, the rhythmic melody of falling waters, the echoes among the crags, the bird songs, the wind in the pines, the endless beat of wave upon shore, he is in tune with the universe. He will know what human brotherhood is".

Hon. Secretary
Miss V.Jones
Phone 25815

Hon. Treasurer
Mr.F.Angel
Phone 29607

Club Address:- Box 68A, G.P.O. Hobart, Tasmania.

Dear Vera,

The machine went wrong
so some have not come out very well.

Hope they're O.K. Please ring me
at about 10.0 pm. at home if
they are not.

Liz.

TASMANIAN FIELD NATURALISTS

CLUB BULLETIN

2/- per annum.
No. 89.

NOVEMBER, 1964.

The November General Meeting will be held in the Royal Society room, Tasmanian Museum on Thursday November 19th at 8 p.m.
Mr. K. Aves will give an illustrated talk using slides collected during 15 - 16 years with Field Nats.

FIELD OUTINGS.

On Saturday November 14th, Mr. Thorpe will lead an outing to Mount Hull or if weather unfavourable to White Hill. Private transport leaving Princes Theatre 9 a.m.

The last outing of the year is on Saturday December 5th, 1964.
Mrs. R. Warren will lead an outing to Roches Beach where she has offered us the use of her shack and amenities. Private transport leaving Princes Theatre at 10 a.m.

SPECIAL MEETING.

Early in 1965 the Victorian Field Naturalists are visiting Tasmania. They will be in Hobart for a few days in January. A special meeting has been arranged for Wednesday January 20th, so that we can meet and talk with them. Slides will be shown, so come along and help to make it a happy evening.

MRS. THISTLE Y. STEAD.

A meeting has been arranged, in conjunction with other groups, on Monday February 15th, 1965 at 8 p.m., C.W.A. rooms, Criterion Street to meet Mrs. Stead and hear her speak about her work. Supper of tea/coffee and biscuits will be served at nominal cost of 6d. per person.

DON'T FORGET if you want to join the trip to Schouten Island in the Cartela arranged by the walking club for March long weekend, February 27th - March 1st, 1964, names must be given to the Secretary by mid January.
Best wishes to Miss A. Wall on her engagement. We hear the marriage is to take place on Saturday November 28th, we wish her every happiness.

FEDERATION OF FIELD NATURALISTS.

Long weekend in January 30th - 1st February, 1965, camp at Lake St. Clair - Please let Mr. L. Wall 8 4165 know if you are going.

HONORARY SECRETARY:

Miss V. Jones,
12 Fitzroy Place
HOBART.
'Phone: 2 5815.

HONORARY TREASURER:

Mr. F. Angel,
36 Loatta Road,
LINDISFARNE.
'Phone: 2 9607.

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